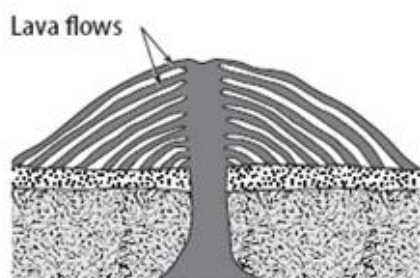
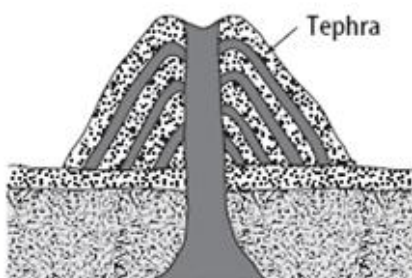
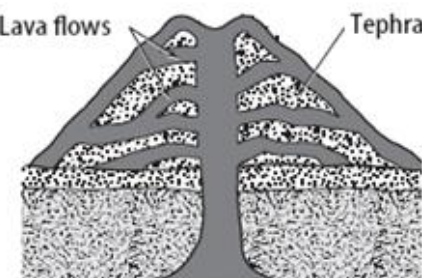


**End-of-Chapter Assessment**

## Volcanoes and Your Community: End-of-Chapter Assessment

**Directions:** *Identify each form of volcano and then fill in the chart with the appropriate information about each form.*

**Figure 1****Figure 2****Figure 3**

Type of Volcano	Formed by	Shape of Volcano	Example
1.			
2.			
3.			

**Directions:** *Use complete sentences to explain how volcanoes affect Earth's climate.*

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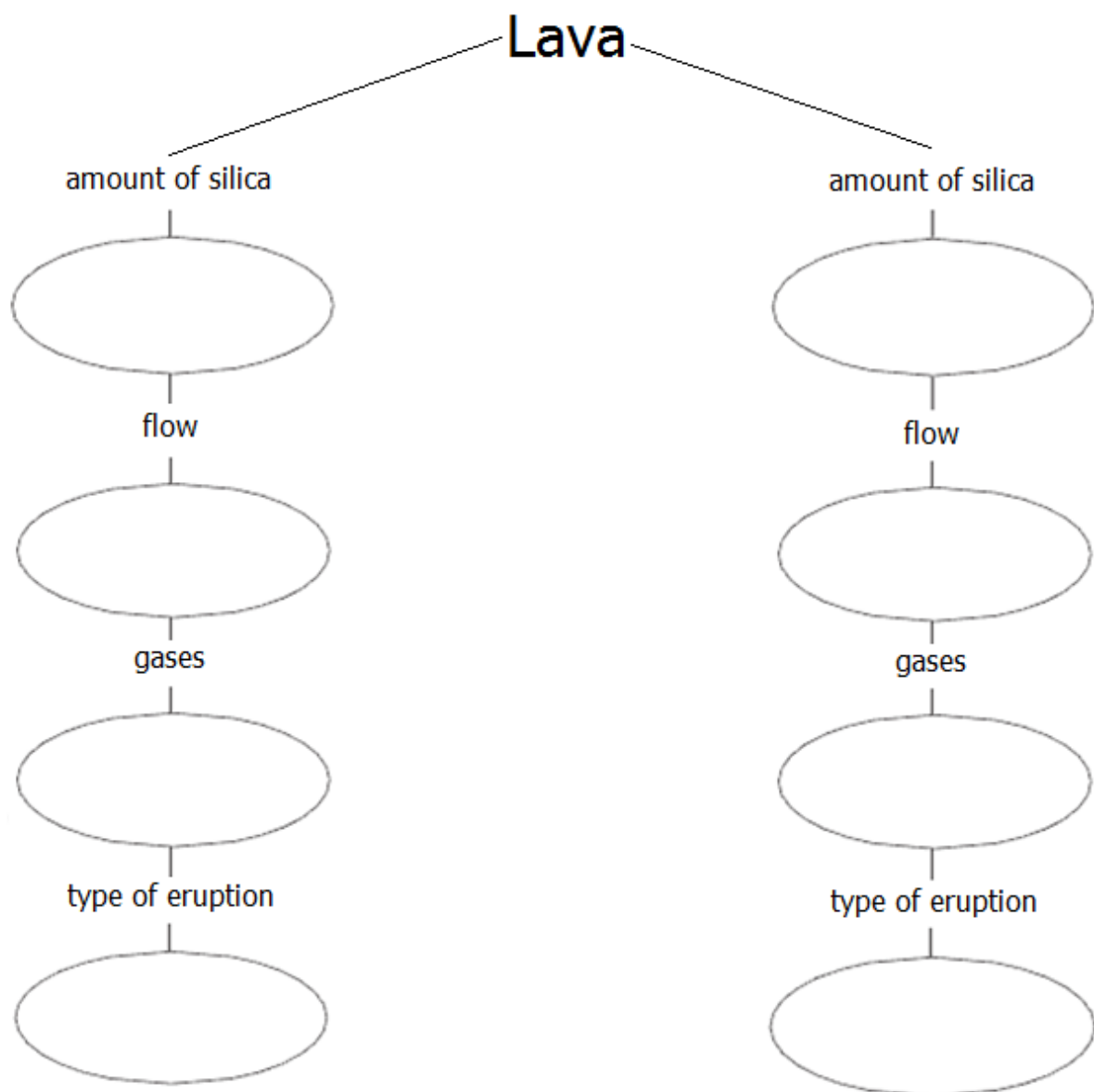
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**Directions:** *Complete the concept map.*

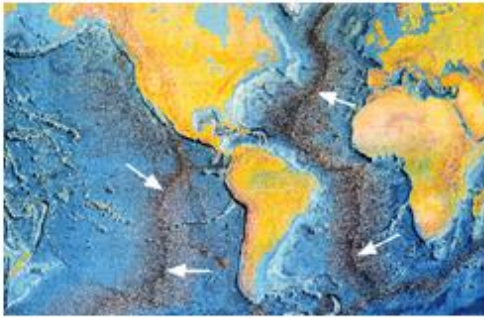


**Directions:** Use the following terms to complete the sentences below.

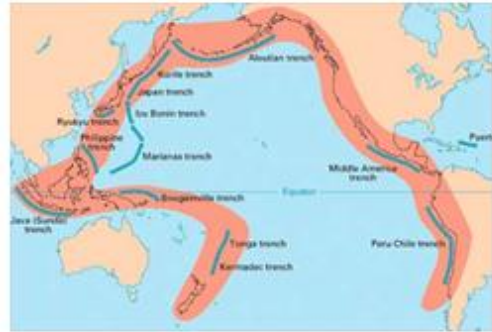
volcano	Ring of Fire
rift valley	mid-ocean ridge
pyroclastic flow	viscosity
hot spot	lahar
caldera	ash

1. A \_\_\_\_\_ is a large crater that forms after a volcano collapses.
2. The East Pacific Rise is an example of a \_\_\_\_\_, where plates are spreading apart.
3. The type of tephra that travels furthest from the volcano is \_\_\_\_\_.
4. The term \_\_\_\_\_ describes how easily lava flows.
5. The Hawaiian Islands formed as a result of a \_\_\_\_\_, as the Pacific Plate moved over an area of rising magma.
6. The area around the Pacific Plate where volcanoes and earthquakes are common is known as the \_\_\_\_\_.
7. A \_\_\_\_\_ is a muddy river that flows down the sides of a volcano and can bury villages.
8. An opening in Earth that erupts lava, ash and gases is called a \_\_\_\_\_.
9. A \_\_\_\_\_ can form at the top of a mid-ocean ridge or on a continent.
10. A cloudy mixture of hot ashes, rock and gases that forms from a volcanic explosion is a \_\_\_\_\_.

**Directions:** Use the terms from the box on the previous page to correctly identify the pictures below (not all terms will be used).



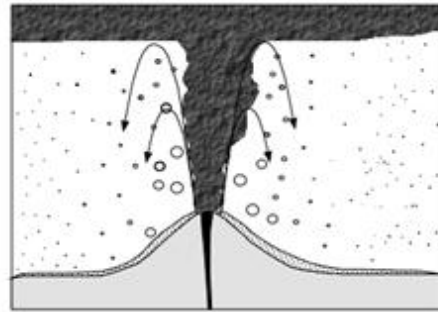
1. \_\_\_\_\_



2. \_\_\_\_\_



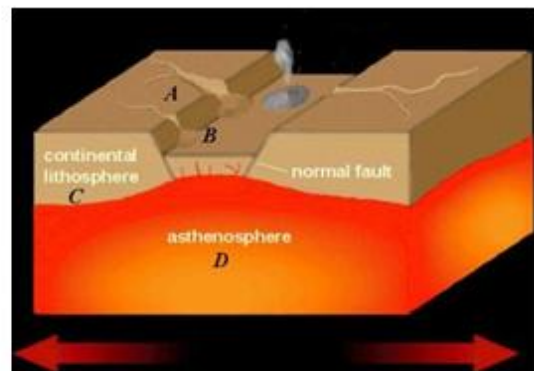
3. \_\_\_\_\_



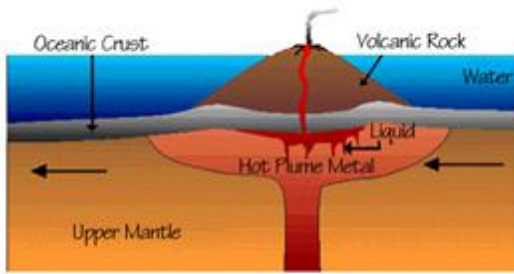
4. \_\_\_\_\_



5. \_\_\_\_\_



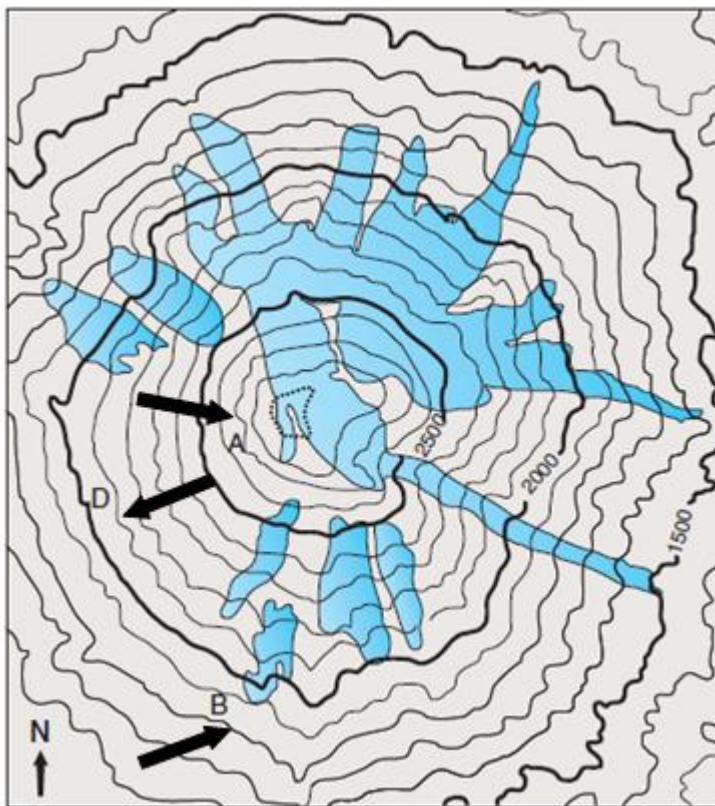
6. \_\_\_\_\_



7. \_\_\_\_\_



8. \_\_\_\_\_



**Directions:** Use the topographic map to answer the following questions.

1. Contour interval \_\_\_\_\_ = m
2. Lowest elevation \_\_\_\_\_ = m
3. Elevation at the crater \_\_\_\_\_ = m
4. Highest elevation \_\_\_\_\_ = m
5. Elevation at point **B** \_\_\_\_\_ = m
6. Elevation at point **A** \_\_\_\_\_ = m
7. Elevation at point **D** \_\_\_\_\_ = m

**Directions:** *Using complete sentences, write a detailed paragraph explaining how temperature, silica content and slope affect the speed of lava flow.*

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**Bonus Question:** *Use complete sentences to **compare and contrast** volcanic bombs, lapilli and ash.*

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